

PRODUCT DATA SHEET

HDMEL ZC PRIMER

Description: A single component, anti-corrosive primer based on a modified alkyd resin system and zinc chromate anti-corrosive pigmentation.

Recommended use: Suitable for use on any steel work, storage tanks, bridges etc. This can be overcoated with any type of conventional coatings and also with C.R., P.U & Epoxy coatings and water based coatings.

Physical Properties :

Colours/shade Nos.:	Grey, Green, Red oxide, Yellow
Finish:	Flat
Volume solids, %:	45 ± 2%
Theoretical spreading rate:	12.85m ² /litre, 35 micron
Flash point:	35°C
Specific gravity:	1.25 kg/litre
Surface-dry:	30 minutes at 30°C
Touch-dry:	4 hours at 30°C

Application details:

Application method:	Airless spray / Air spray / Brush
Thinner (max.vol.):	(0-5%) / (10-15%) / (0-5%)
Recommended Thinner:	HD THINNER
Nozzle orifice:	.015"-.017"
Nozzle pressure:	140-175 Kg/cm ² (Airless spray data are indicative and subject to adjustment)

Indicated film thickness, dry:	30-45 micron
Indicated film thickness, wet:	65-90 micron
Overcoat interval, min:	According to Specification
Overcoat interval, max:	According to Specification

Safety: This product contains Zinc Chromate.
Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.
This product contains low flash point solvents, do not use in poorly ventilated areas especially in confined tank interiors.
Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapor or spray mist.
This product is flammable. Keep away from sources of ignition. Do not smoke.
Take precautionary measures against static discharge.
In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

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Surface preparation:	The surface to be painted shall be power tool cleaned to minimum SSPC-SP2 or St 2 ISO 8501- 1:1988 , free from mill scale. It must be dry and free from dirt, grease, oil and other contaminants before application of the paint.
Application conditions:	Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3° C above the dew point. Do not apply at temperature below 7°C. If not, drying and overcoating times will be considerably extended. During application of the paint, naked flame, welding operations and smoking should not be allowed and good ventilation is necessary.
Preceding coat:	According to specification.
Subsequent coat:	According to specification.
Packing Size:	20 lit, 4 lit, 1 lit
Shelf Life:	12 Months if properly stored.

This Product Data Sheet supersedes those previously issued.

Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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